

CLAIMS

1. An onboard display device, mounted on a vehicle, for displaying an image in accordance with image data inputted from an image capture section, which captures an image of outside of the vehicle, the onboard display device comprising:

a display control section which, upon receipt of an image display instruction for checking a rightward or leftward outside area of the vehicle, causes a screen of the display device to start displaying a rightward outside view image for checking a rightward outside area of the vehicle or a leftward outside view image for checking a leftward outside area of the vehicle, the image display instruction being inputted from the vehicle, and the rightward outside view image and leftward outside view image being captured by the image capture section; and

an image processing section for causing a manner in which the rightward outside view image is displayed to be different from a manner in which the leftward outside view image is displayed.

2. An onboard display device, mounted on a vehicle, for displaying an image in accordance with image data inputted from an image capture section, which captures an image of outside of the vehicle, the onboard display device comprising:

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a display control section which (i) allows to display on a screen any one of an image for checking a rightward outside area and an image for checking a leftward outside area of the vehicle and (ii) upon receipt of an image display instruction for checking rightward or leftward outside of the vehicle, causes one of the image for checking the rightward outside area or the image for checking the leftward outside area to be displayed, the image display instruction being inputted from the vehicle, and the rightward outside view image and leftward outside view image being captured by the image capture section; and

an image processing section, which causes the display of the rightward outside view image and the leftward outside view image to be performed in such a way that a manner in which the rightward outside view image is displayed is caused to be different from a manner in which the leftward outside view image is displayed.

3. The onboard display device according to Claim 1 or 2, wherein said image processing section causes the display of the rightward outside view image and the leftward outside view image to be performed in such a way that a position on the screen at which the rightward outside view image is displayed is different from a position on the screen at which the leftward outside view image is displayed.

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4. The onboard display device according to Claim 3, wherein said image processing section causes the display of the rightward outside view image and the leftward outside view image to be performed in such a way that the position on the screen at which the rightward outside view image is displayed is rightward with respect to a position in front of a driver, and the position on the screen at which the leftward outside view image is displayed is leftward with respect to the position in front of the driver.

5. The onboard display device according to any one of Claims 1 to 4, wherein said image processing section causes the display of the rightward outside view image and the leftward outside view image to be performed in such a way that a speedometer of said vehicle is displayed substantially at the same position on the screen when the rightward outside view area is displayed and when the leftward outside view area is displayed.

6. The onboard display device according to one of Claims 1 to 5, wherein said image processing section causes the display of the speedometer of said vehicle to be performed in such a way that the speedometer is displayed in front of the driver of said vehicle.

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7. The onboard display device according to one of Claims 1 to 6, wherein said image processing device causes the display of the rightward outside view image and the leftward outside view image to be performed in such a way that the rightward outside view image and the leftward outside view image are displayed in different frame shapes of display area on the screen.

8. The onboard display device according to one of Claims 1 to 7, wherein said image processing section mirror-reverses an image made by said image capture section and so as to causes the image to be displayed in a mirror-reversed form on said screen.

9. The onboard display device according to one of Claims 1 to 8, wherein said display control section receives an image display instruction from a direction indicating device mounted on said vehicle, the direction indicating device used for indicating that the vehicle is going to make a right turn or a left turn.

10. The onboard display device according to one of Claims 1 to 9, wherein said display control section receives an image display instruction from a sensor mounted on said vehicle, the sensor detecting whether an outside object is

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present or absent around the vehicle.

11. The onboard display device according to one of Claims 1 to 10, wherein said display control section receives
5 an image display instruction from a navigation information transmitting and receiving section mounted on said vehicle, the navigation information transmitting and receiving section obtaining information on a position of the vehicle, the information sent from a navigation information transmitting
10 station.

12. The onboard display device according to one of Claims 1 to 11, further comprising:

an input section for adjusting and controlling the
15 manner in which the image is displayed.

13. A vehicle, comprising the onboard display device according to any one of Claims 1 to 12.

20 14. The vehicle according to Claim 13, further comprising:

a switch for outputting to the onboard display device an image display instruction for instructing to display the rightward outside view image or the leftward outside view
25 image.

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15. An onboard display device, mounted on a vehicle, for displaying, on a screen of the display device, image data inputted from an image capture section, which captures an image of outside of the vehicle, the onboard display device comprising:

a display control section which, upon receipt of an image display instruction for checking a rear area of the vehicle, causes a screen of the display device to start displaying either a rightward outside view image for checking a rightward outside area of the vehicle or a leftward outside view image for checking a leftward outside area of the vehicle based on a type of the instruction signal so received, the image display instruction being outputted from the vehicle, and the rightward outside view image and the leftward outside view image being captured by the image capture section; and

an image processing section for causing the display of the rightward outside view image and the leftward outside view image to be performed in such a way that a manner in which the rightward outside view image is displayed is caused to be different from a manner in which the leftward outside view image is displayed.

16. An onboard display device, mounted on a vehicle, for displaying, on a screen of the display device, image data inputted from an image capture section, which captures an

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image of outside of the vehicle, the onboard display device comprising:

5 a display control section which, upon receipt of an image display instruction for checking a rear area of the vehicle, causes a screen of the display device to start displaying either a rightward outside view image for checking a rightward outside area of the vehicle or a leftward outside view image for checking a leftward outside area of the vehicle in accordance with a type of the instruction signal so received, 10 the image display instruction being outputted from the vehicle, and the rightward outside view image and the leftward outside view image being captured by the image capture section; and

15 an image processing section for causing a display layout including (a1) an image indicating information on the vehicle and (a2) the rightward outside view image to be displayed in a display manner different from that in which a display layout including (b1) an image indicating information on the vehicle and (b2) the leftward outside view image.

20 17. An image display program for operating the onboard display device according to one of Claims 1 to 16, the image display program causing a computer to function as the respective sections.

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18. A computer-readable recording medium in which the image display program according to Claim 17 is recorded.

19. A display method for displaying an image in an onboard display device mounted on a vehicle, the display method comprising the steps of:

detecting an image display instruction, given to the onboard display device, for checking a rightward or leftward outside area of the vehicle;

causing a screen of the onboard display device to start displaying an image upon detection of the image display instruction in the detecting step; and

causing a manner in which the rightward outside view image is displayed to be different from a manner in which the leftward outside view image is displayed.

20. A display method of an onboard display device, mounted on a vehicle provided with one or more image capture devices capable of capturing images for checking a rightward and leftward rear areas, which can display the images for checking the rightward and leftward rear area within a screen, the display method comprising the steps of:

detecting an instruction for displaying a rightward outside view image for checking a rightward outside area of the vehicle or a leftward outside view image for checking a

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leftward outside area of the vehicle; and

selecting and displaying either a rightward outside view image for checking a rightward outside area of the vehicle or a leftward outside view image for checking a leftward outside area of the vehicle according to a detection result in the detecting step.

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